

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1883 SAS No.: Q1883 SDG No.: Q1883

Instrument ID: BNA_P Calibration Date/Time: 05/05/2025 12:38

Lab File ID: BP024522.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.210	1.171		-3.2	
Phenol-d6	1.656	1.555		-6.1	
Nitrobenzene-d5	0.351	0.347		-1.1	
Naphthalene	1.054	1.016		-3.6	
2-Methylnaphthalene	0.731	0.712		-2.6	
2-Fluorobiphenyl	1.306	1.264		-3.2	
Acenaphthylene	1.730	1.686		-2.5	
Acenaphthene	1.097	1.039		-5.3	20.0
Fluorene	1.388	1.335		-3.8	
2,4,6-Tribromophenol	0.277	0.323		16.6	
Phenanthrene	1.091	1.050		-3.8	
Anthracene	1.052	1.044		-0.8	
Fluoranthene	1.298	1.345		3.6	20.0
Pyrene	1.271	1.143		-10.1	
Terphenyl-d14	0.992	0.960		-3.2	
Benzo (a) anthracene	1.243	1.200		-3.5	
Chrysene	1.191	1.152		-3.3	
Benzo (b) fluoranthene	1.199	1.131		-5.7	
Benzo (k) fluoranthene	1.158	1.096		-5.4	
Benzo (a) pyrene	1.034	1.001		-3.2	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.358		-2.2	
Dibenzo (a,h) anthracene	1.152	1.129		-2.0	
Benzo (g,h,i) perylene	1.173	1.152		-1.8	

All other compounds must meet a minimum RRF of 0.010.